

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/000599

## A. CLASSIFICATION OF SUBJECT MATTER

F24C 7/02, H05B 6/64

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

F24C 7/00, 7/02, H05B 6/64

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI, TXTUS0, TXTUS1, TXTUS2, TXTUS3, TXTEP1, TXTGB1, TXTW01

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                   | Relevant to claim No. |
|-----------|--|-----------------------|
| P,X       | EP 1343356 A2 (LG ELECTRONICS INC.) 10 September 2003<br>(10.09.2003)<br><i>fig. 5, 6.</i>           | 1 - 3, 5, 6, 8, 9     |
|           | ---  |                       |
| A         | JP 02 037220 A(MITSUBISHI ELECTRIC CORP)<br>7 February 1990 (07.02.1990)<br><i>fig. 2, abstract.</i> | 1                     |
|           | ---  |                       |

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&amp;" document member of the same patent family

Date of the actual completion of the international search  
3 June 2004 (03.06.2004)Date of mailing of the international search report  
27 August 2004 (27.08.2004)Name and mailing address of the ISA/ AT  
**Austrian Patent Office**  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/KR 2004/000599**

| Patent document cited<br>in search report |   |         | Publication<br>date | Patent family<br>member(s) |   |            | Publication<br>date |
|---|---|---------|---------------------|----------------------------|---|------------|---------------------|
| EP  | A | 1343356 | 2003-09-10          | US                         | B | 6737620    | 2004-05-18          |
|   |   |         |                     | KR                         | A | 2003072132 | 2003-09-13          |
|   |   |         |                     | JP                         | A | 2004003814 | 2004-01-08          |
|   |   |         |                     | CN                         | A | 1442633    | 2003-09-17          |
|   |   |         |                     | US                         | A | 2003168446 | 2003-09-11          |
| JP  | A | 37220A2 |                     | none                       |   |            |                     |